

09/787923

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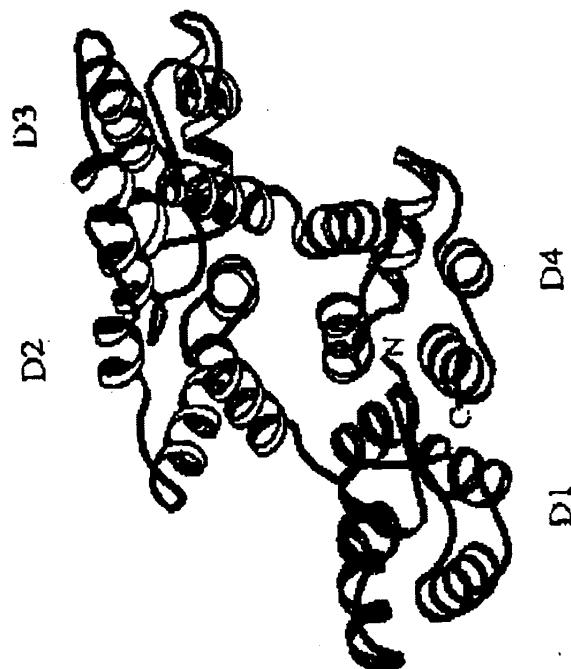
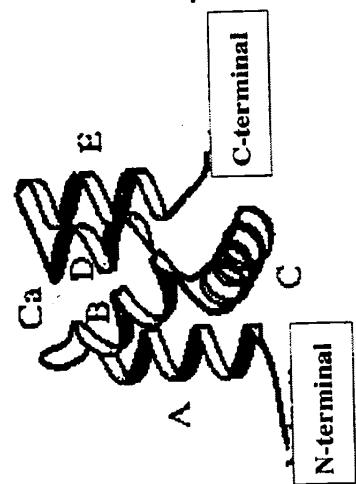


FIG. 1A

FIG. 1B

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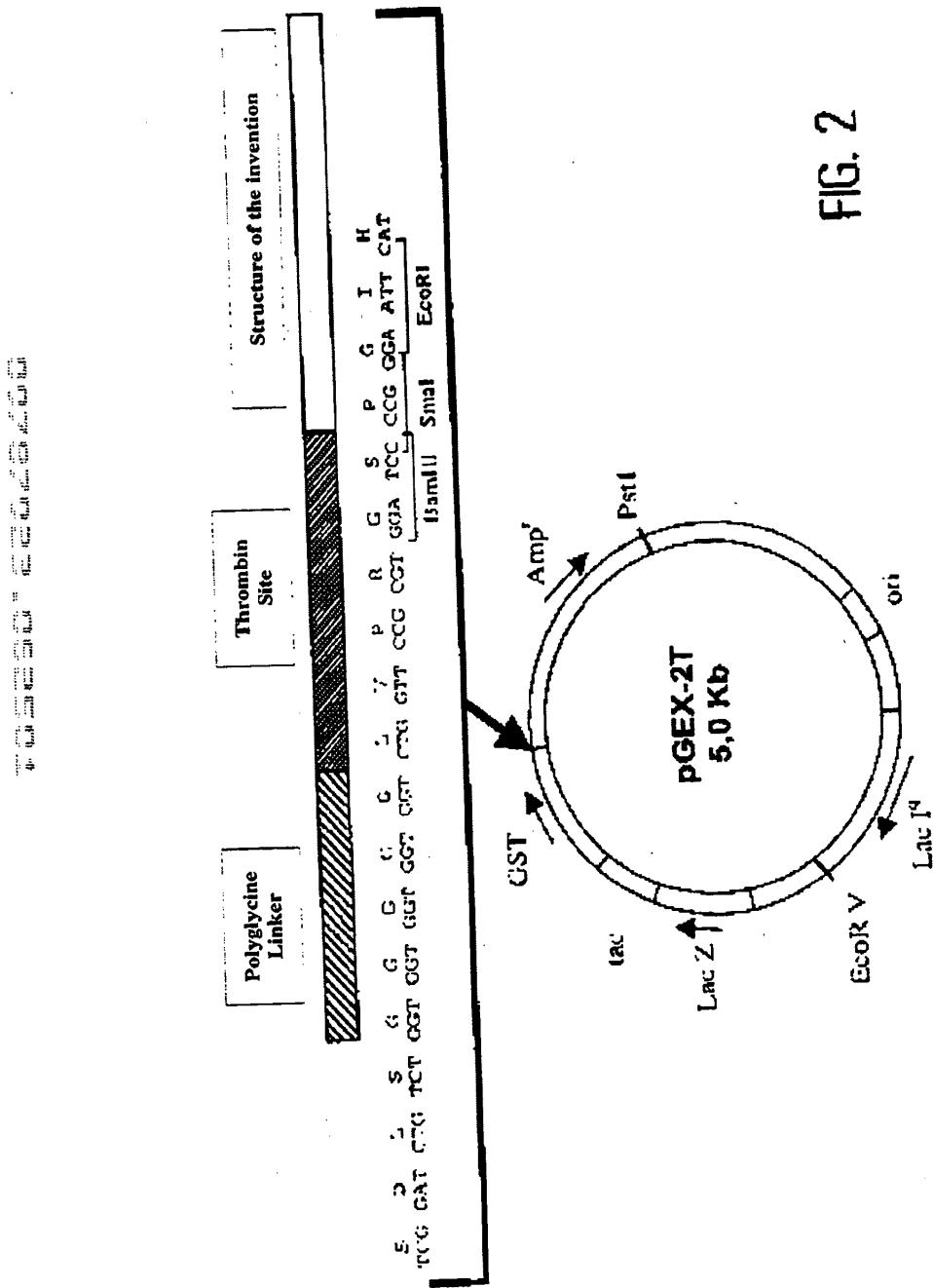


FIG. 2

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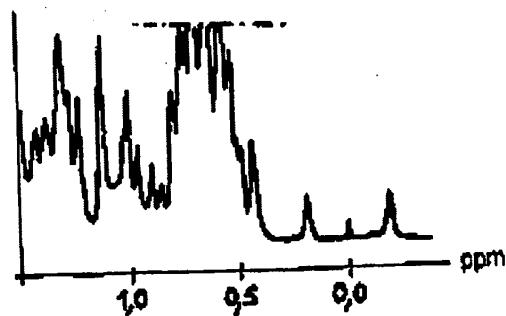


FIG. 3

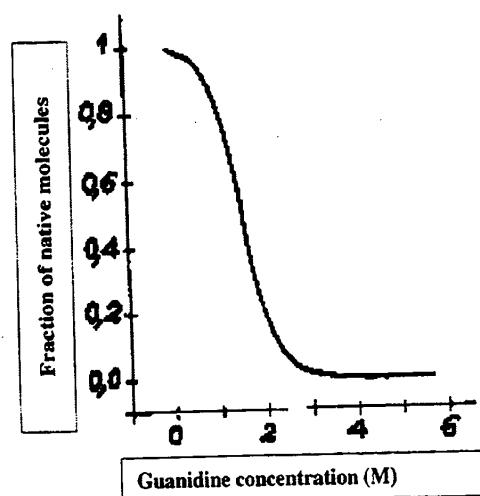


FIG. 4

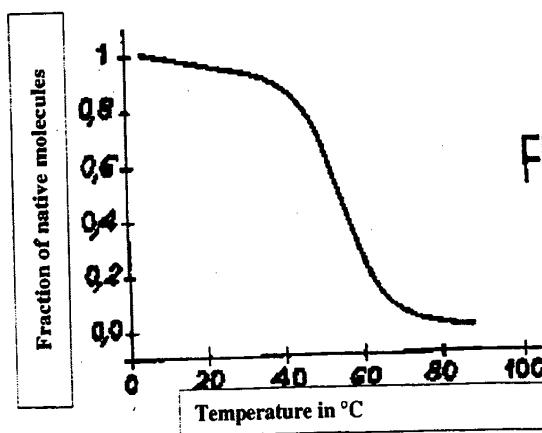


FIG. 5

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Sequence ID No. 1

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Met Ala Met Val Ser Glu Phe Leu Lys Gln Ala Trp Phe Ile
 1 5 10
 Glu Asn Glu Glu Glu Gln Glu Tyr Val Gln Thr Val Lys Ser Ser
 15 20 25
 Lys Gly Gly Pro Gly Ser Ala Val Ser Pro Tyr Pro Thr Phe
 30 35 40
 Asn Pro Ser Ser Asp Val Ala Ala Leu His Lys Ala Ile Met
 45 50 55
 Val Lys Gly Val Asp Glu Ala Thr Ile Ile Asp Ile Leu Thr
 60 65 70
 Lys Arg Asn Asn Ala Gln Arg Gln Gln Ile Lys Ala Ala Tyr
 75 80
 Leu Glu Glu Thr Gly Lys Pro Leu Asp Glu Thr Leu Lys Lys
 85 90 95
 Ala Leu Thr Gly His Leu Glu Glu Val Val Leu Ala Leu Leu
 100 105 110
 Lys Thr Pro Ala Gln Phe Asp Ala Asp Glu Leu Arg Ala Ala
 115 120 125
Met Lys Glv Leu Gly Thr Asp Glu Asp Thr Leu Ile Glu Ile
 130 135 140
Leu Ala Ser Arg Thr Asn Lys Glu Ile Arg Asp Ile Asn Arg
 145 150
Val Tyr Arg Glu Glu Leu Lys Arg Asp Leu Ala Lys Asp Ile
 155 160 165
Thr Ser Asp Thr Ser Gly Asp Phe Arg Asn Ala Leu Leu Ser
 170 175 180
Leu Ala Lys Glv Asp Arg Ser Glu Asp Phe Gly Val ASN Glu
 185 190 200
Asp Leu Ala Asp Ser Asp Ala Arg Ala Leu Tyr Glu Ala Gly
 205 210 215
Glu Arg Arg Lys Gly Thr Asp Val Asp Val Phe Asn Thr Ile
 220 225
Leu Thr Thr Arg Ser Tyr Pro Glu Leu Arg Arg Val Phe Glu
 230 235 240
Lys Tyr Thr Lys Tyr Ser Lys His Asp Met Asn Lys Val Leu
 245 250 260
Asp Leu Glu Leu Lys Gly Asp Ile Glu Lys Cys Leu Thr Ala
 265 270 275
Ile Val Lys Cys Ala Thr Ser Lys Pro Ala Phe Phe Ala Glu
 280 285 290
Lys Leu His Cys Ala Met Lys Gly Val Gly Thr Arg His Lys
 295 300
Ala Leu Ile Arg Ile Met Val Ser Arg Ser Glu Ile Asp Met
 305 310 315
Asn Asp Ile Lys Ala Phe Tyr Glu Lys Met Tyr Gly Ile Ser
 320 325 330
Leu Cys Gln Ala Ile Leu Asp Glu Thr Lys Gly Asp Tyr Glu
 335 340 345
Lys Ile Leu Val Ala Leu Cys Gly Gly Asp
 350 355

Domain 2

FIG. 6A: Human annexin I

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Sequence ID No. 2

Domain 1

Met Ala Gln Val Leu Arg Gly Thr Val Thr Asp Phe Pro Gly
 1 5 10
 Phe Asp Gln Arg Ala Asp Ala Glu Thr Leu Arg Lys Ala Met
 15 20 25
 Lys Gly Leu Gly Thr Asp Glu Gln Ser Ile Leu Thr Leu Leu
 20 35 40
 Thr Ser Arg Ser Asn Ala Gln Arg Gln Glu Ile Ser Ala Ala
 45 50 55
 Phe Lys Thr Leu Phe Gly Arg Asp Leu Leu Asp Asp Leu Lys
 60 65 70
 Ser Gln Leu Thr Gly Lys Phe Glu Lys Leu Ile Val Ala Leu
 75 80 85
 Met Lys Pro Ser Arg Leu Tyr Asp Ala Tyr Glu Leu Lys His
 90
 Ala Leu Lys Gly Ala Gly Thr Asn Glu Lys Val Leu Thr Glu
 95 100 105
 Ile Ile Ala Ser Arg Thr Pro Glu Glu Leu Arg Ala Ile Lys
 110 115 120
 Gln Val Tyr Glu Glu Tyr Gly Ser Ser Leu Glu Asp Asp
 125 130 135
 Val Val Gly Asp Thr Ser Gly Tyr Tyr Gln Arg Met Leu Val
 140 145
 Val Leu Leu Gln Ala Asn Arg Asp Pro Asp Ala Gly Ile Asp
 150 155 160
 Glu Ala Gln Val Glu Gln Asp Ala Gln Ala Leu Phe Gln Ala
 165 170 175
 Gly Glu Leu Lys Trp Gly Thr Asp Glu Glu Lys Phe Ile Thr
 180 185 190
 Ile Phe Gly Thr Arg Ser Val Ser His Leu Arg Lys Val Phe
 195 200 205
 Asp Lys Tyr Met Thr Ile Ser Gly Phe Gln Ile Glu Glu Thr
 210
 Ile Asp Arg Glu Thr Ser Gly Asn Leu Glu Gln Leu Leu Leu
 215 220 230
 Ala Val Val Lys Ser Ile Arg Ser Ile Pro Ala Tyr Leu Ala
 235 240 245
 Gln Thr Leu Tyr Tyr Ala Met Lys Gly Ala Gly Thr Asp Asp
 250 255 260
 His Thr Leu Ile Arg Val Met Val Ser Asp Ser Gln Ile Asp
 265 270 275
 Leu Phe Asn Ile Arg Lys Glu Phe Arg Lys Asp Thr Ala Thr
 280 285 290
 Ser Leu Tyr Ser Met Ile Lys Gly Asp Thr Ser Gly Asp Tyr
 295 300
 Lys Lys Ala Leu Leu Leu Leu Gln Gly Glu Asp Asp
 305 310 315

FIG. 6B: Human annexin V

Sequence ID No. 3

6 / 10

Met Ala Ser Ile Trp Val Gly His Arg Gly Thr Val Arg Asp
1 5 10
Tyr Pro Asp Phe Ser Pro Ser Val Asp Ala Glu Ala Ile Gin
15 20 25
Lys Ala Ile Arg Gly Ile Gly Thr Asp Glu Lys Met Leu Ile
30 35 40
Ser Ile Leu Thr Glu Arg Ser Asp Ala Gin Arg Gln Leu Ile
45 50 55
Val Lys Glu Tyr Gin Ala Ala Tyr Gly Lys Glu Leu Lys Asp
60 65 70
Asp Leu Lys Gly Asp Leu Ser Gly His Phe Glu His Leu Met
75 80
Val Ala Leu Val Thr Pro Pro Ala Val Phe Asp Ala Lys Glu
90 95
Leu Lys Lys Ser Met Lys Gly Ala Gly Thr Asn Glu Asp Ala
100 105 110
Leu Ile Glu Ile Leu Thr Thr Arg Thr Ser Arg Gln Met Lys
115 120 125
Asp Ile Ser Glu Ala Tyr Tyr Thr Val Tyr Lys Lys Ser Leu
130 135 140
Gly Asp Asp Ile Ser Ser Glu Thr Ser Gly Asp Phe Arg Lys
145 150
Ala Leu Leu Thr Leu Ala Asp Gly Arg Arg Asp Glu Ser Leu
155 160 165
Lys Val Asp Glu His Leu Ala Lys Glu Asp Ala Glu Ile Leu
170 175 180
Tyr Lys Ala Gly Glu Asn Arg Trp Gly Thr Asp Glu Asp Lys
185 190 195
Phe Thr Glu Ile Leu Cys Leu Arg Ser Phe Pro Gln Leu Lys
200 205 210
Leu Thr Phe Asp Glu Tyr Arg Asn Ile Ser Gln Lys Asp Ile
215 220
Val Asp Ser Ile Lys Gly Glu Leu Ser Gly His Phe Glu Asp
225 230 235
Leu Leu Leu Ala Ile Val Asn Cys Val Arg Asn Thr Pro Ala
240 245 250
Phe Leu Ala Glu Arg Leu His Arg Ala Leu Lys Gly Ile Gly
255 260 265
Thr Asp Glu Phe Thr Leu Asp Arg Ile Met Val Ser Arg Ser
275 280 285
Glu Ile Asp Leu Leu Asp Ile Arg Thr Glu Phe Lys Lys His
290 295
Tyr Glu Tyr Ser Leu Tyr Ser Ala Ile Lys Ser Asp Thr Ser
300 305 310
Gly Asp Tyr Glu Ile Thr Leu Leu Lys Ile Cys Gly Gly Asp Arg
315 320 325

Domain 2

FIG. 6C: Human annexin III

09/787425

Sequence ID No. 4

7/40

Met Ala Thr Lys Gly Gly Thr Val Lys Ala Ala Ser Gly Phe
 5 10

1 Asn Ala Met Glu Asp Ala Gln Thr Leu Arg Lys Ala Met Lys
 15 20 25

20 Gly Leu Gly Thr Asp Glu Asp Ala Ile Ile Ser Val Leu Ala
 30 35 40

35 Tyr Arg Asn Thr Ala Gln Arg Gln Glu Ile Arg Thr Ala Tyr
 45 50 55

50 Lys Ser Thr Ile Gly Arg Asp Leu Ile Asp Asp Leu Lys Ser
 60 65 70

70 Glu Leu Ser Gly Asn Phe Glu Gln Val Ile Val Gly Met Met
 75 80

Thr
85

Domain 1

Sequence ID No. 5

Pro Thr Val Leu Tyr Asp Val Gln Glu Leu Gln Arg Lys
 85 90 95

95 Ala Met Lys Gly Ala Gly Thr Asp Glu Gly Cys Leu Ile Glu
 100 105 110

110 Ile Leu Ala Ser Arg Thr Pro Gln Glu Ile Arg Arg Ile Asn
 115 120 125

125 Gln Thr Tyr Gln Leu Gln Tyr Gly Arg Ser Leu Gln Asp Asp
 130 135 140

140 Ile Arg Ser Asp Thr Ser Phe Met Phe Gln Arg Val Leu Val
 145 150

150 Ser Leu Ser Ala Gly Gly Arg Asp Glu Gly Asn Tyr Leu Asp
 155 160 165

165 Asp Ala Leu Val Arg Gln Asp Ala Gln Asp Leu Tyr Glu Ala
 170 175 180

180 Gly Glu Ile Lys Trp Gly Thr Asp Glu Val Lys Thr Leu Thr
 185 190 195

195 Val Leu Cys Ser Arg Asn Arg Asn His Leu Leu His Val Phe
 200 205 210

210 Asp Glu Tyr Lys Arg Ile Ser Gln Lys Asp Thr Gln Gln Ser
 215 220 225

225 Ile Lys Ser Gln Thr Ser Gly Ser Phe Gln Asp Ala Leu Leu
 230 235 240

240 Ala Ile Val Lys Cys Met Arg Asn Lys Ser Ala Tyr Thr Ala
 245 250 255

255 Glu Lys Leu Tyr Lys Ser Met Lys Gly Leu Gly Thr Asp Asp
 260 265 270

270 Asn Thr Leu Ile Arg Val Met Val Ser Arg Ala Glu Ile Asp
 275 280 285

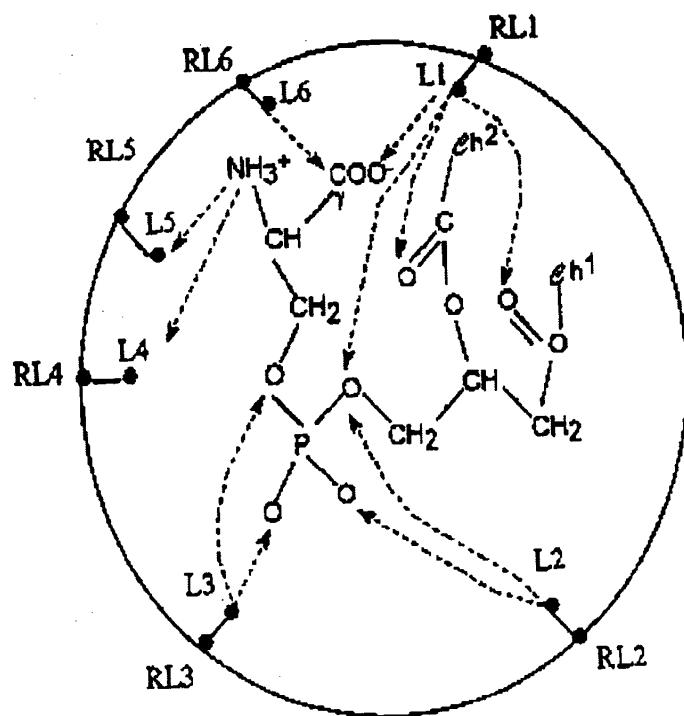
285 Met Leu Asp Ile Arg Ala His Phe Ilys Arg Leu Tyr Gly Lys
 290 295 300

300 Ser Leu Tyr Ser Phe Ile Lys Gly Asp Thr Ser Gly Asp Tyr
 305 310 315

315 Arg Lys Val Leu Leu Val Leu Cys Gly Gly Asp Asp

FIG. 6D: Human annexin IV

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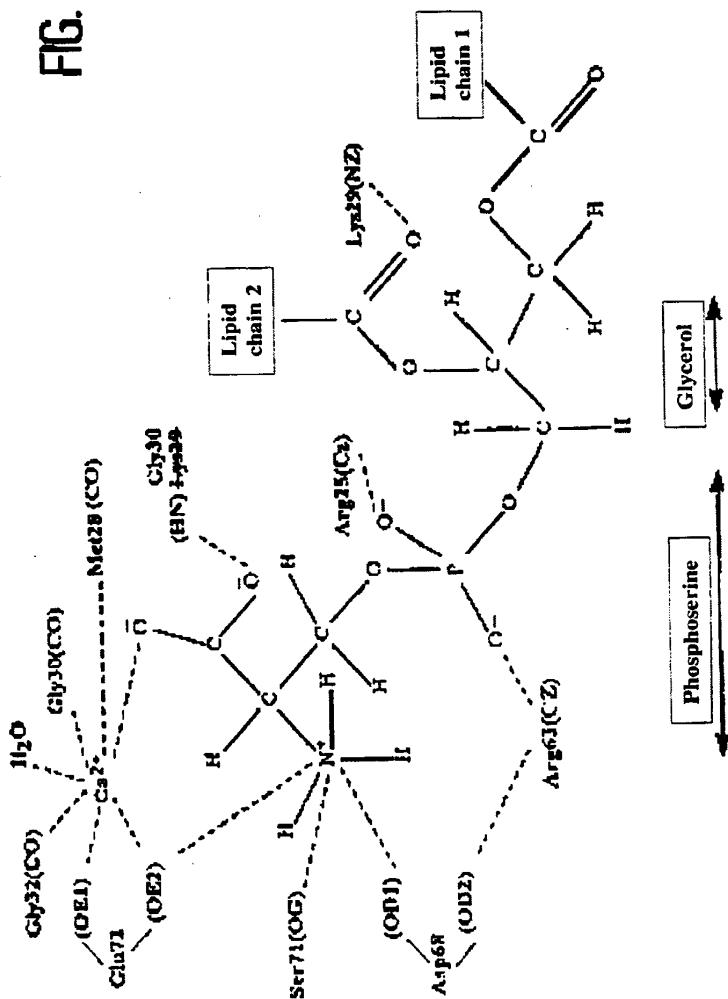
Compound (I) + phosphatidylserine

FIG. 7

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8
FIG.



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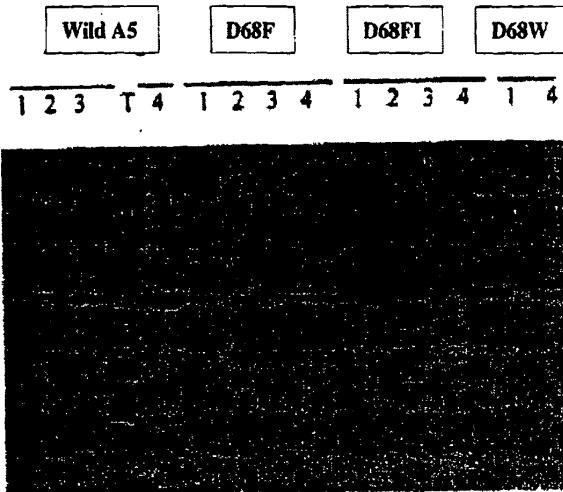


FIG. 9 A

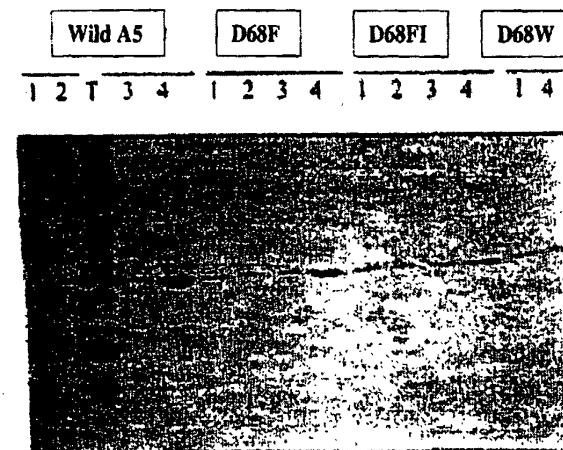


FIG. 9 B